



Design Public Informational Meeting

Cedar Street Traffic Calming in Somerville

City of Somerville Design Consultants, Inc.

City of Somerville

- Joseph A. Curtatone
- Mark Niedergang
- Stan Koty
- Robert King
- Michael Glavin
- Brad Rawson
- Terry Smith
- Omar Boukili

Mayor
Ward Alderman
DPW Director
Director of Capital Projects
and Planning
OSPCD Executive Director
Director of Transportation &
Infrastructure
City Traffic Engineer
Aide to the Mayor



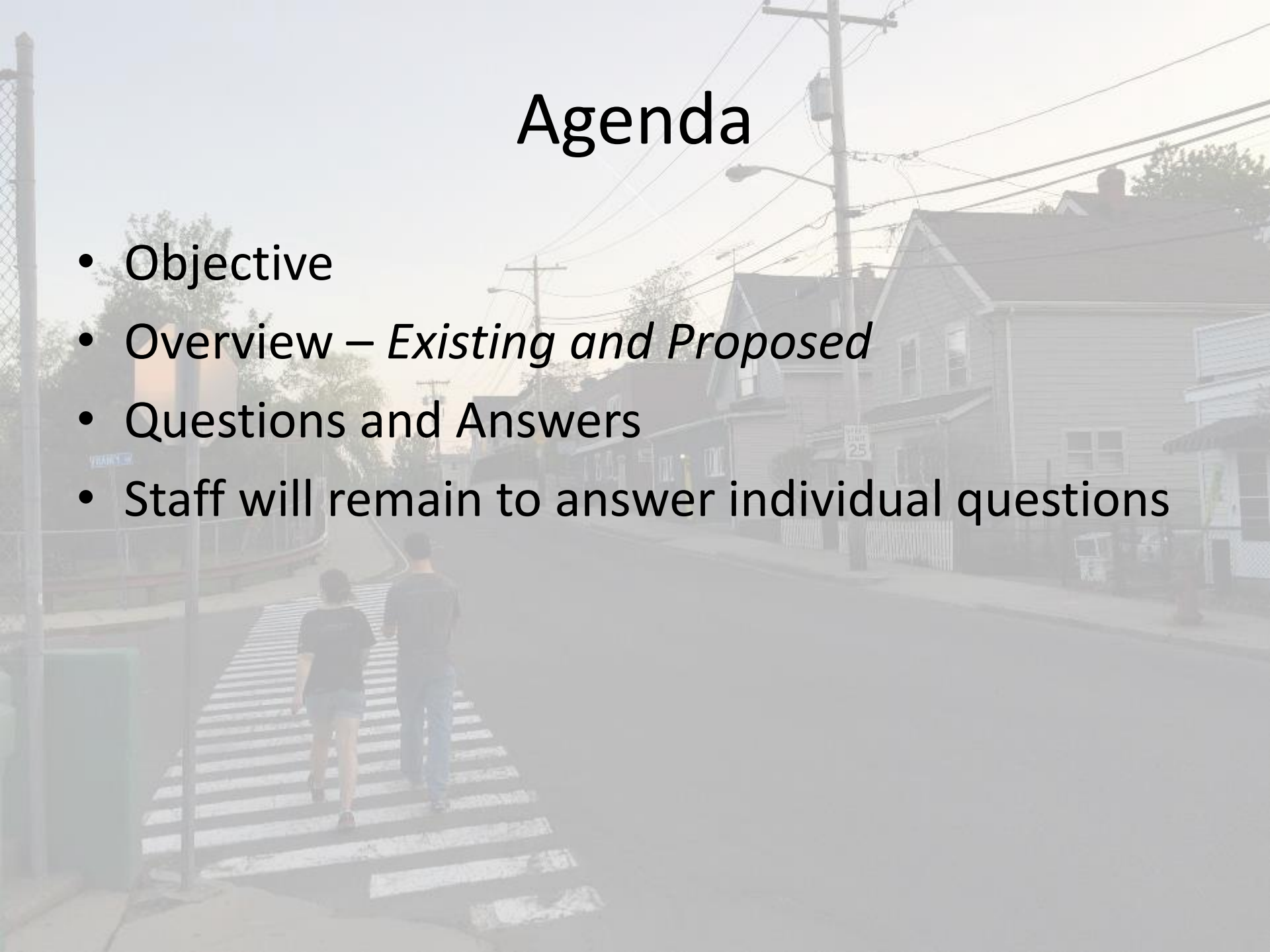
Design Consultants, Inc. (DCI)

- Tom Bertulis, PE, PTOE Manager of Traffic Engineering
- Wayne Keefner, PE, LEED AP BD+C Principal



Agenda

- Objective
- Overview – *Existing and Proposed*
- Questions and Answers
- Staff will remain to answer individual questions



Objective

- Why are we here?
- To design a *road*?
- To build *chicanes*?



Objective



Transportation is not important for what it *is*

Roads and bridges, trains and tracks

Transportation is important for what it *does*

Gets people where they need to go and connects them to opportunity

Shapes and supports the economy of communities and regions

Objective

- To slow motor vehicle speeds,
- Allow better side street access to the main road,
- Improve safety, access, and usability for all road users,
- Gather feedback regarding the potential improvements to Cedar Street.



The map shows the project area in Northampton, MA, centered around the intersection of Broadway and Highland Ave. A red circle highlights the intersection, and a red line runs along Broadway. A red box labeled "PROJECT AREA" points to the intersection. Other streets shown include Broadway, Highland Ave, and various residential streets.

Somerville is unique



Somerville is unique

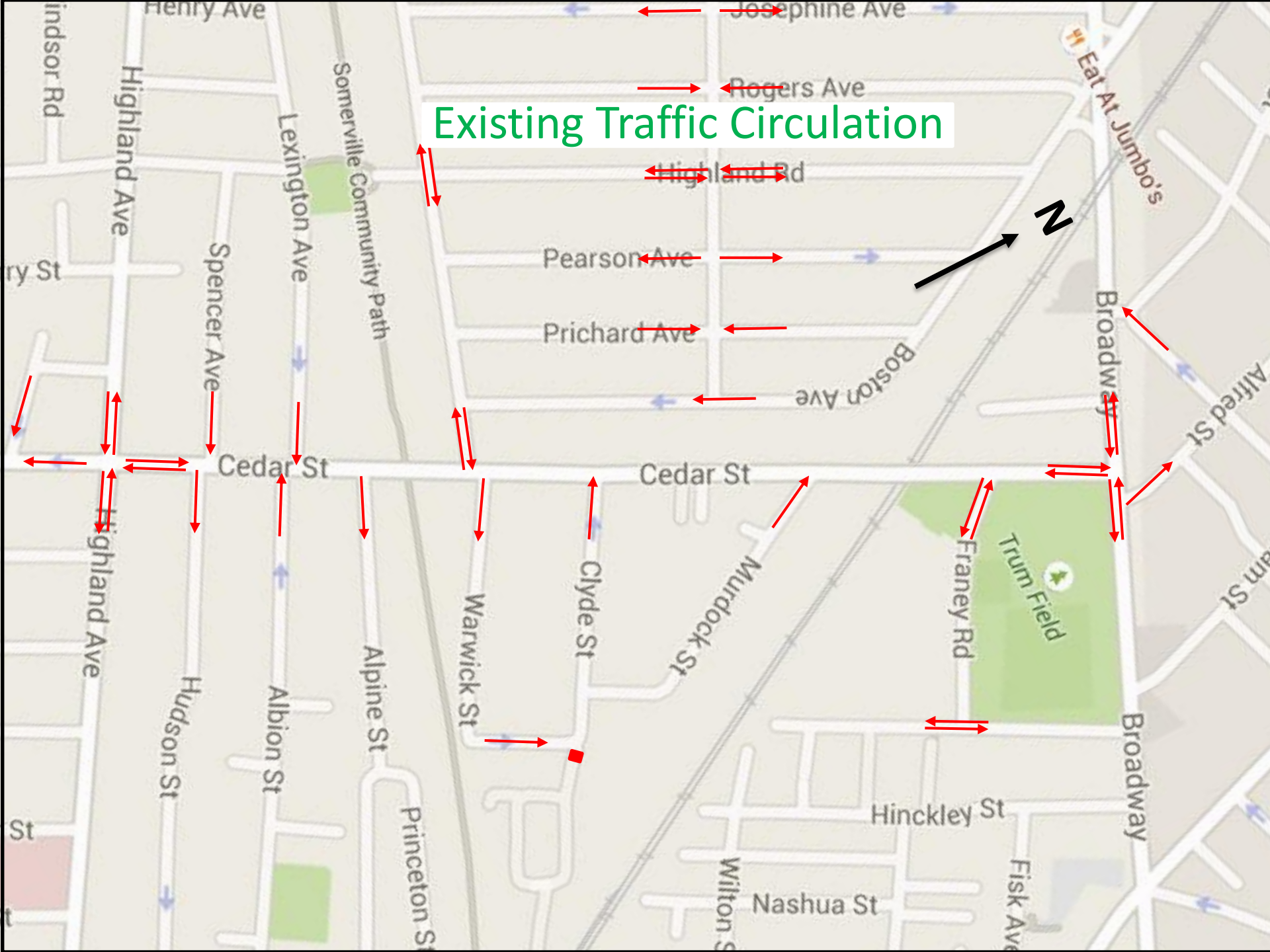


Somerville is unique

Rank ↕	Incorporated place ↕	Metropolitan area ↕	State ↕	Population (2010 census) ↕	Land area (mi ²) ↕	Population density (people per mi ²) ↕
1	Guttenberg	New York City	New Jersey	11,176	0.19	58,821
2	Union City	New York City	New Jersey	66,455	1.27	52,326.7
3	West New York	New York City	New Jersey	49,708	1.02	48,733.3
4	Hoboken	New York City	New Jersey	50,005	1.28	39,066.4
5	Kaser	New York City	New York	4,724	0.17	27,788.2
6	New York City	New York City	New York	8,175,133	302.6	27,016.3
7	Cliffside Park	New York City	New Jersey	23,594	0.96	24,577.1
8	East Newark	New York City	New Jersey	2,406	0.10	24,060
9	Maywood	Los Angeles	California	27,395	1.18	23,216.1
10	Passaic	New York City	New Jersey	69,781	3.11	22,437.6
11	Great Neck Plaza	New York City	New York	6,707	0.31	21,635.4
12	North Bay Village	Miami	Florida	7,137	0.33	21,627.2
13	Cudahy	Los Angeles	California	23,805	1.12	21,254.4
14	Huntington Park	Los Angeles	California	58,114	3.03	19,179.5
15	Somerville	Boston	Massachusetts	75,754	4.11	18,431.6
16	West Hollywood	Los Angeles	California	34,399	1.88	18,297.3
17	Irvington ^[b]	New York City	New Jersey	53,926	2.96	18,218.2
18	Poplar Hills	Louisville	Kentucky	362	0.02	18,100.0
19	Paterson	New York City	New Jersey	146,199	8.44	17,322.2
20	San Francisco	San Francisco	California	805,235	46.69	17,246.4
21	Bell Gardens	Los Angeles	California	42,072	2.49	16,896
22	Millbourne	Philadelphia	Pennsylvania	1,159	0.07	16,557.1
23	Sweetwater	Miami	Florida	13,499	0.82	16,461.2
24	East Orange	New York City	New Jersey	64,270	3.93	16,377.1
25	Central Falls	Providence	Rhode Island	19,376	1.29	16,146.7



Existing Traffic Circulation



Existing Conditions



Driveways



Crosswalks



Utilities

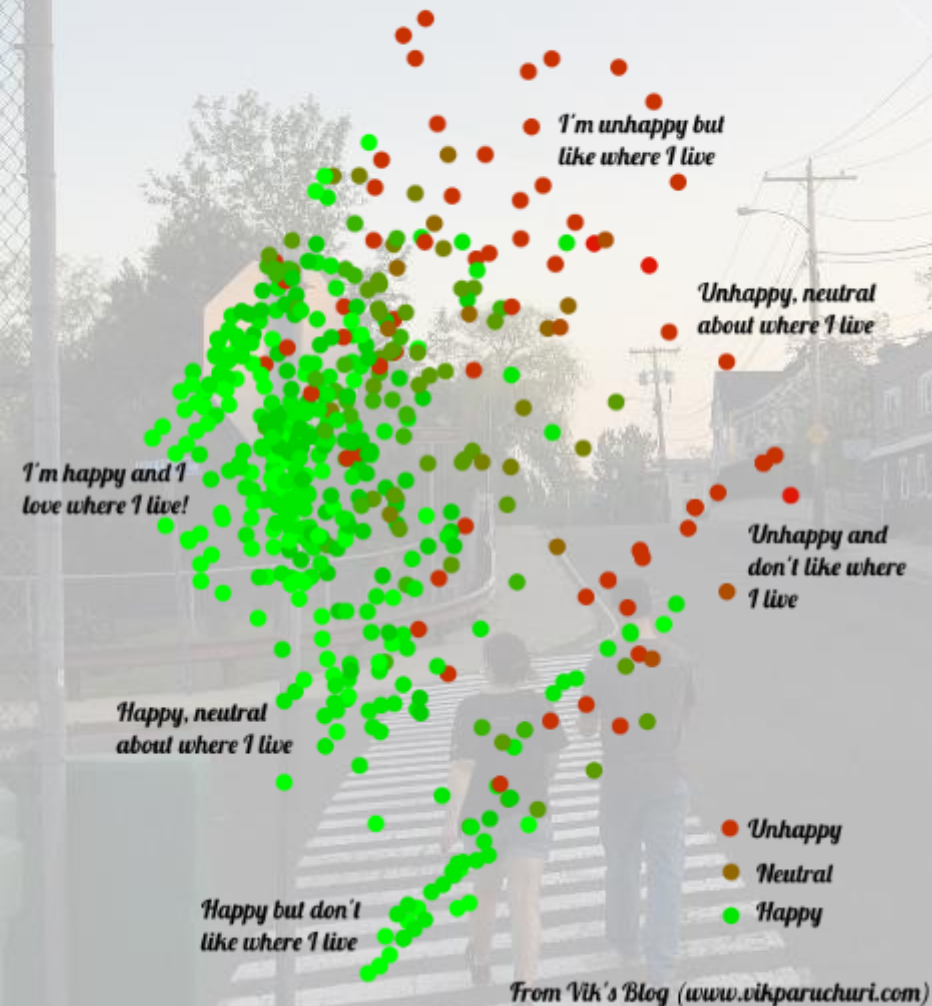


Sidewalks



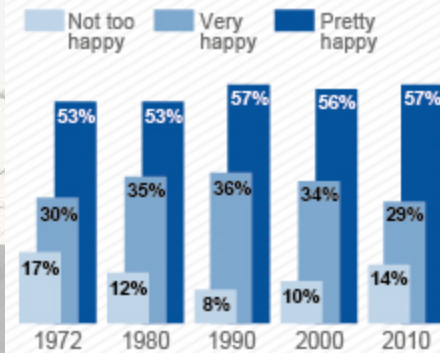


Happiness in Somerville, MA



Overall, we're a happy nation

Americans' level of happiness has changed little despite an increase in per-capita wealth since 1972.



Note: Some years may not add to 100% because of rounding.

Source: General Social Survey by the National Opinion Research Center
By Frank Pempa, USA TODAY



Some options available to us



Speed Hump



Raised Intersection



Speed Cushion



Chicane



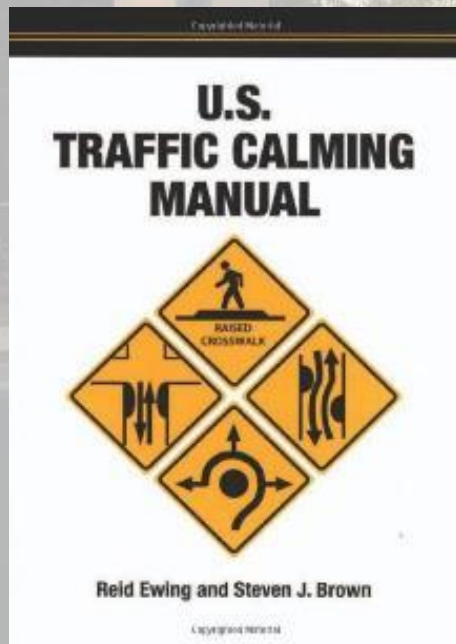
Curb Extension



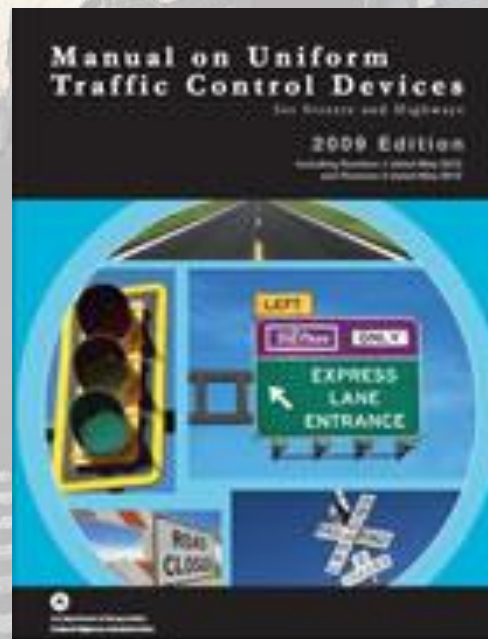
Raised Crossing

Design Guidelines

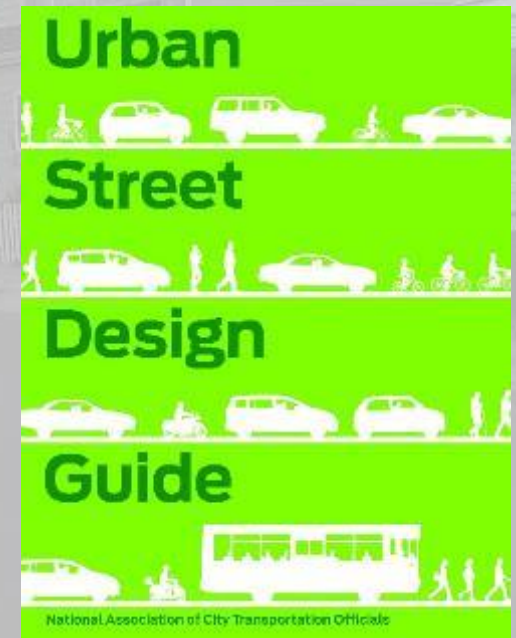
U.S. Traffic Calming Manual,
APA Planners Press and
American Society of Civil
Engineers, 2009



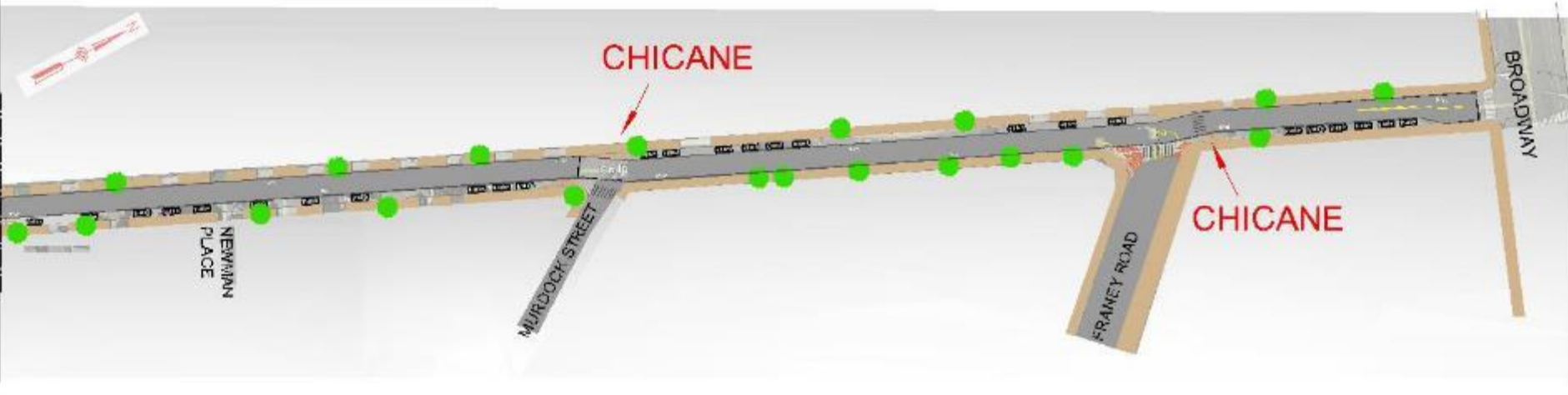
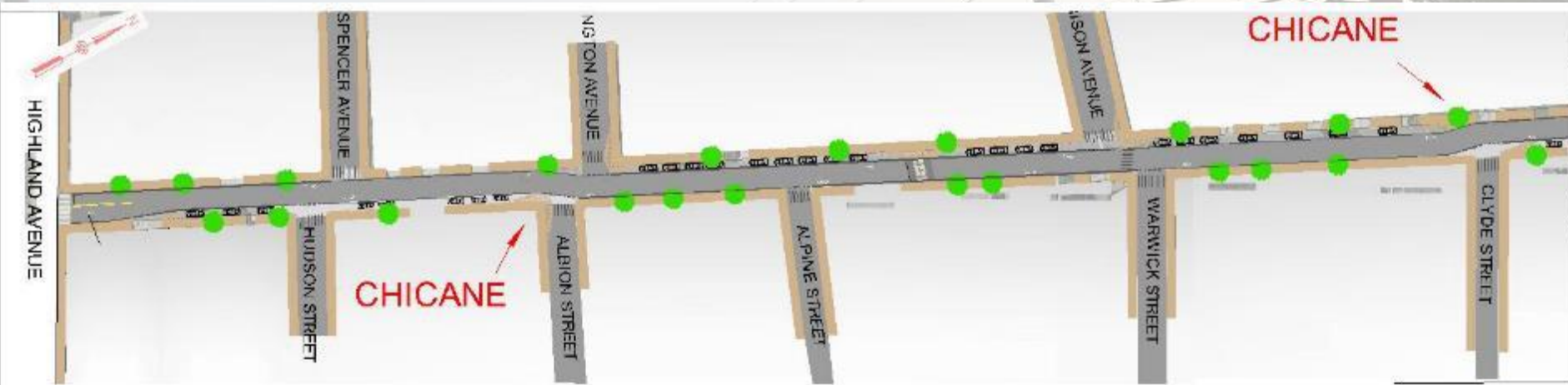
Manual on Uniform Traffic
Control Devices,
Federal Highway
Administration, 2009



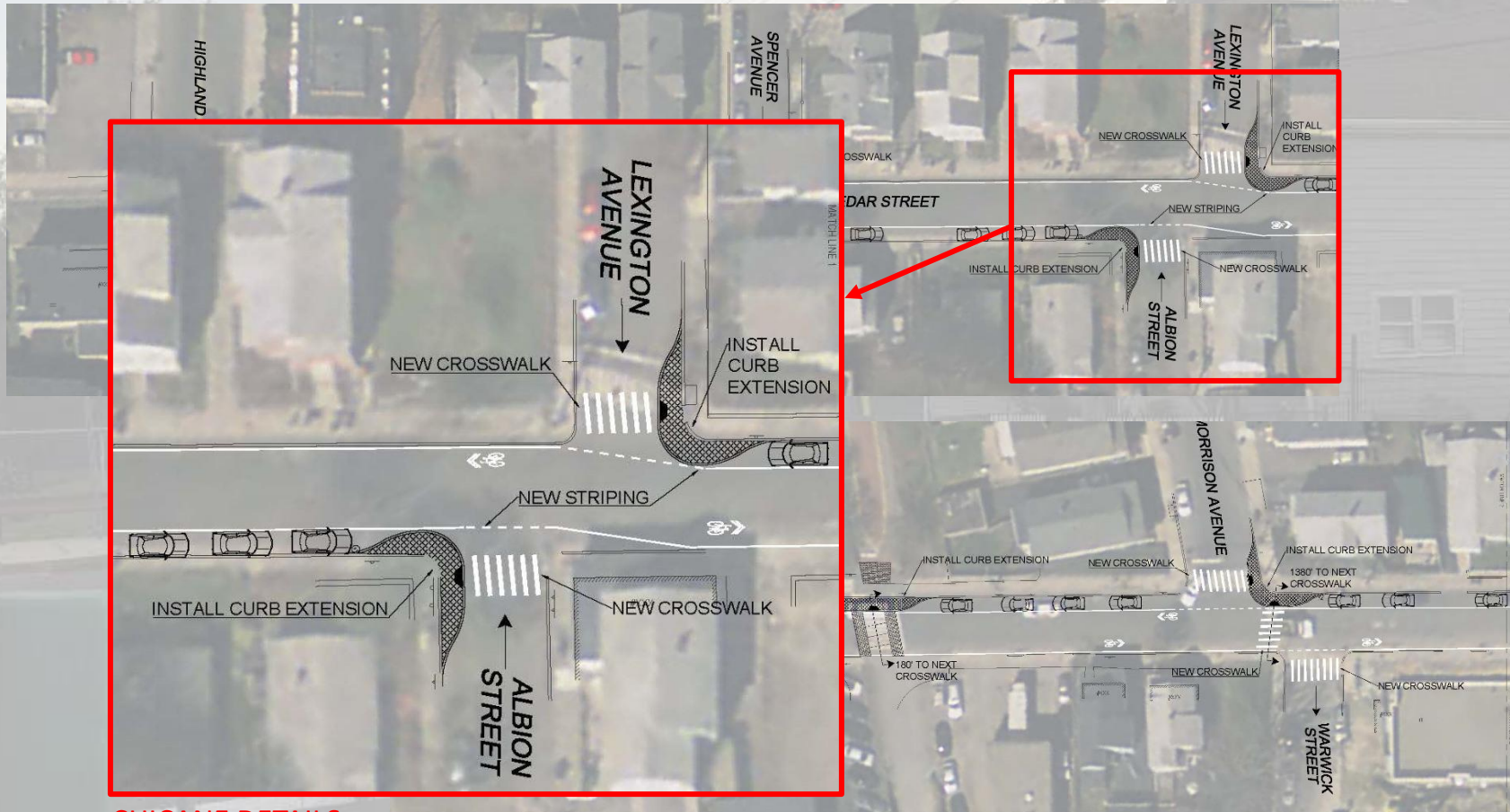
Urban Street Design Guide,
National Association of City
Transportation Officials, 2013



Proposed Conditions, Overview

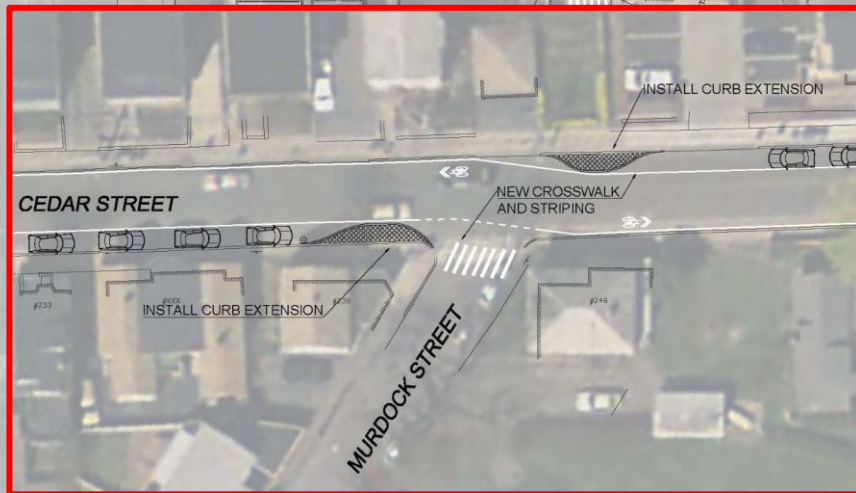


Proposed Conditions, 1 of 3

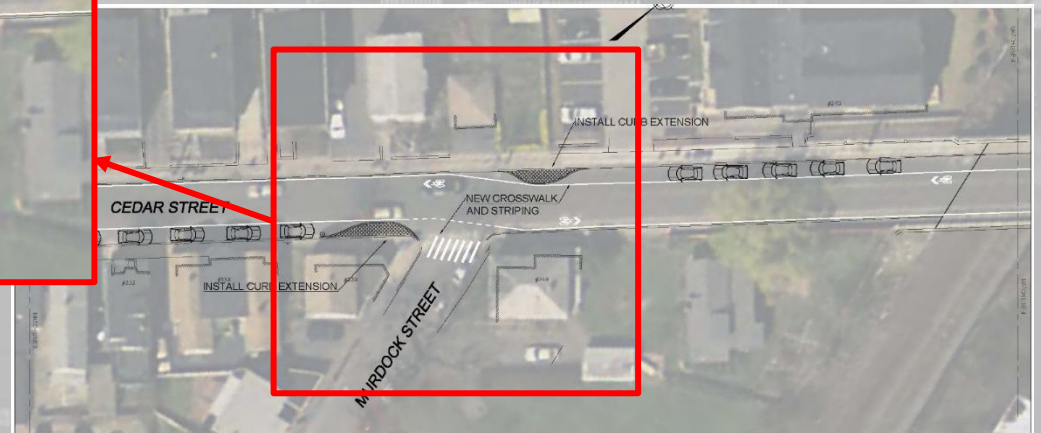


CHICANE DETAILS

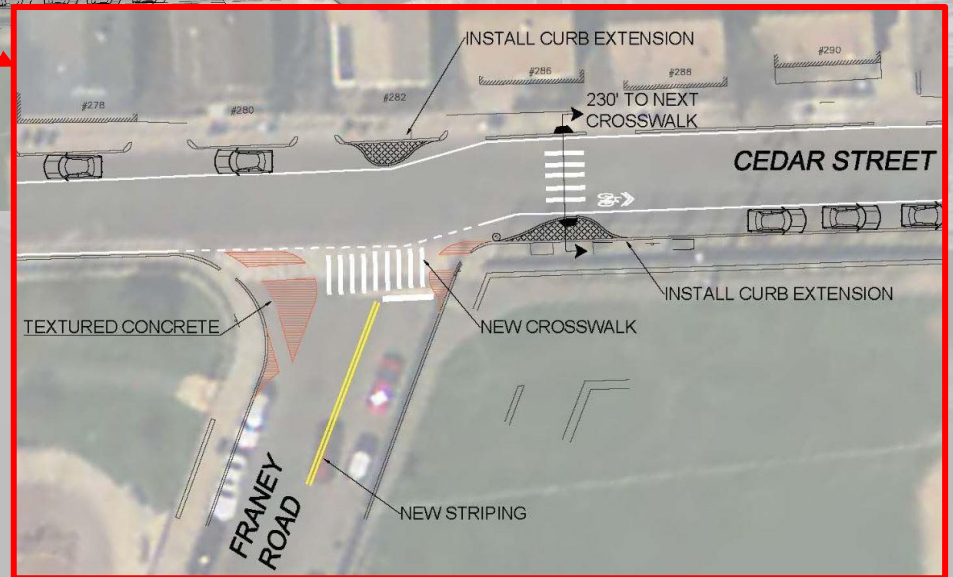
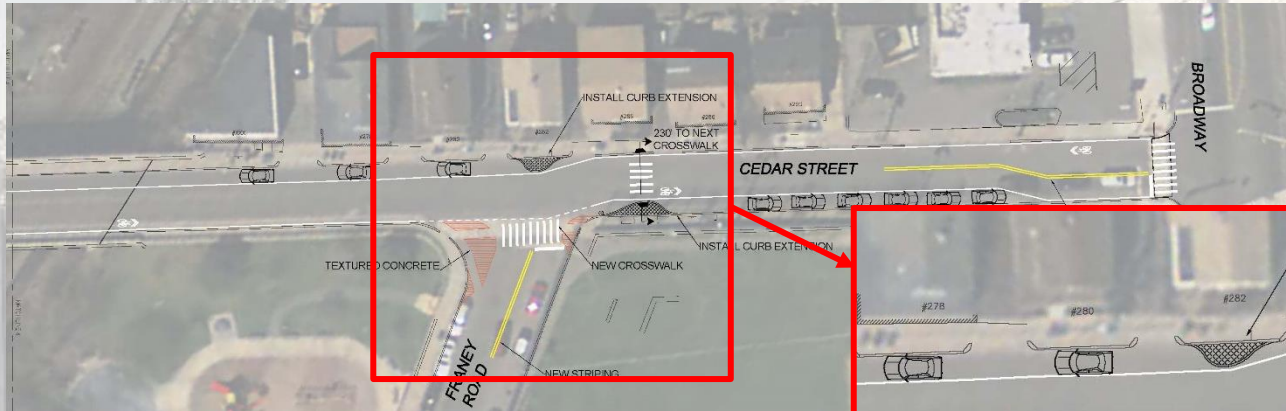
Proposed Conditions, 2 of 3



CHICANE DETAILS



Proposed Conditions, 3 of 3



CHICANE DETAILS

Franey Rd – Before



Franey Rd – Before



Franey Rd – After



Franey Rd – Before



Franey Rd – After



Clyde St – Before



Franey Rd – Before



Franey Rd – After



Clyde St – Before



Clyde St – After





Comments/Questions?

Thank you for attending.